

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claim 1 (original): A job control system for controlling a job in a document processing system in which processing system a number of tasks is performed in a workflow, the job control system comprising an input source with a user interface for enabling a user to define and change a set of parameters selected from the group of first parameters for said workflow and second parameters within said workflow, wherein the job control system comprises:

an identifier to identify and mark dependencies of results of said job to parameters, wherein said results are selected from the group of intermediate results of said job and final results of said job, and wherein said parameters are selected from the group of parameters for said workflow, parameters within said workflow, and parameters for individual task processors in a production plan defining processing of said job;

a verifier to verify, during job execution, a change in a particular parameter out of said parameters, and to determine if (a) a particular result out of said results and obtained before said change in said particular parameter is independent of said particular parameter, or (b) if an effect of said change in said particular parameter on said particular result is within a given limit; so that said particular result is still useable despite said change in said particular parameter; and

a memory for storing the still useable results.

Claim 2 (original): The job control system according to claim 1 wherein said results include a specific result provided by a specific task processor and wherein said identifier forms part of said specific task processor.

Claim 3 (original): The job control system according to claim 1 wherein said verifier includes:

a calculator for calculating said effect of said change in said particular parameter on said particular result;

a comparator for comparing said effect to said given limit.

Claim 4 (original): The job control system according to claim 1 wherein said verifier includes:

an estimator for estimating said effect of said change in said particular parameter on said particular result;

a comparator for comparing said effect to said given limit.

Claim 5 (original): The job control system according to claim 1 further comprising a controller for changing a job ticket for processing a particular job by said document processing system after said change in said particular parameter, wherein said changing said job ticket is for using said stored still useable results, and for automatically resubmitting said particular job to said document processing system.

Claim 6 (original): The job control system according to claim 3 further comprising a controller for changing a job ticket for processing a particular job by said document processing system after said change in said particular parameter, wherein said changing said job ticket is for using said stored still useable results, and for automatically resubmitting said particular job to said document processing system.

Claim 7 (original): The job control system according to claim 4 further comprising a controller for changing a job ticket for processing a particular job by said document processing system after said change in said particular parameter, wherein said changing said job ticket is for using said stored still useable results, and for automatically resubmitting said particular job to said document processing system.

Claim 8 (original): The job control system according to claim 1 further comprising a display device to display to a user said useable results.

Claim 9 (original): The job control system according to claim 8 wherein said display device is for displaying said dependencies to parameters of said useable results.

Claim 10 (original): A method for controlling a job in a document processing system in which processing system a number of tasks is performed in a workflow, characterized in that the method comprises:

identifying and marking dependencies of results of said job to parameters, wherein said results are selected from the group of intermediate results of said job and final results of said job, and wherein said parameters are selected from the group of parameters for said workflow, parameters within said workflow, and parameters for individual task processors in a production plan defining processing of said job;

verifying, during job execution, a change in a particular parameter out of said parameters, and determining if (a) a particular result out of said results and obtained before said change in said particular parameter is independent of said particular parameter, or (b) if an effect of said change in said particular parameter on said particular result is within a given limit; so that said particular result is still useable despite said change in said particular parameter; and

storing the still useable results.

Claim 11 (original): The method according to claim 10 further comprising:
changing a job ticket for processing a particular job by said document processing system after said change in said particular parameter, wherein said changing said job ticket is for using said stored still useable results;

automatically resubmitting said particular job to said document processing

system.

Claim 12 (previously presented): A computer program stored on a computer readable medium comprising computer program code to perform the method according to claim 10 when said program is run on a computer.

Claim 13 (previously presented): A computer program stored on a computer readable medium comprising computer program code to perform the method according to claim 11 when said program is run on a computer.

Claim 14 (previously presented): A computer readable medium comprising program code to carry out the method according to claim 10 when run on a computer.

Claim 15 (previously presented): A computer readable medium comprising program code to carry out the method according to claim 11 when run on a computer.